

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

ABSTRACT

A hermetic compressor has a bipolar permanent magnet motor where permanent magnet ~~(124)~~ is disposed in a rotor core (123). ~~Hollow~~A hollow bore (131) is disposed at the end on the compressing element ~~(105)~~ side of the rotor core (123), and a main bearing (111) extends into the bore (131). The thickness of the rotor core (123) is longer than that of the stator core (126), thereby widening the magnetic path of the rotor core (123). The magnetic flux amount generated in the rotor core (123), which is conventionally insufficient due to existence of the bore (131), increases, the loss decreases, and the efficiency increases.

Attachment

Amendments to the Drawings:

Please delete the last page of the drawings, labeled as "Reference Marks In The Drawings" in its entirety.